PERFORMANCE DATA

Important Notice: Read this performance data and compare the capabilities of this system with your actual water treatment needs. It is recommended that before installing a water treatment system, you have your water supply tested to determine your actual water treatment needs.

This system has been tested according to NSF/ANSI 58 for the reduction of the substances listed below. The concentration for the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 58.

NOTE: Substances that may be reduced are not necessarily in your water. Filter must be maintained according to manufacturer's instructions, including replacement of filter cartridges.

The tested efficiency rating for this system is 15.80%. Efficiency rating means the percentage of the influent water to the system that is available to the user as reverse osmosis treated water under operating conditions that approximate typical daily usage. The tested recovery rating is 27.40%. Recovery rating means the percentage of the influent water to the membrane portion of the system that is available to the user as reverse osmosis treated water when the system is operated without a storage tank or when the storage tank is bypassed.

PP4RO-75

Substance	Influent Challenge Concentration	Maximum Permissible Product Water Concentration	Reduction Requirements	Average Reduction
Standard 58				
Arsenic V	0.050 mg/L ± 10%	0.010 mg/L		97.6%
Barium	10.0 mg/L ± 10%	2.0 mg/L		96.7%
Cadmium	0.03 mg/L ± 10%	0.005 mg/L		98.2%
Chromium III	0.3 mg/L ± 10%	0.1 mg/L		97.6%
Chromium VI	0.3 mg/L ± 10%	0.1 mg/L		97.0%
Copper	3.0 mg/L ± 10%	1.3 mg/L		98.8%
Cysts*	Minimum 50,000/mL		99.95%	99.99%
Fluoride	8.0 mg/L ± 10%	1.5 mg/L		96.2%
Lead	0.15 mg/L ± 10%	0.010 mg/L		99.0%
Nitrate	27.0 mg/L ± 10%	10.0 mg/L		87.1%
Nitrite	3.0 mg/L ± 10%	1.0 mg/L		89.3%
Radium 226/228	27pCi/L ± 10%	5pCi/L		80%
Selenium	0.10 mg/L ± 10%	0.05 mg/L		98.0%
Total Dissolved Solids	750 mg/L ± 40 mg/L	187 mg/L		94.9%
Turbidity	11 mg/L ± 1 NTU	0.5 NTU		99.1%
Standard 42				
Chlorine	2 mg/L		>=50%	93.0%

Production Rate: 24.83 gpd

The PP4RO-75 is Tested and Certified by NSF International against NSF/ANSI Standard 42 and 58 for the reduction of substances listed in the table above.

Testing was performed under standard laboratory conditions, actual performance may vary.

State of California
Department of Public Health
Water Treatment Device
Certificate Number
11 - 2099
Date Issued: October 24, 2011

Trademark/Model Designation
Pentair Water PP4RO-75

Replacement Elements
PW-RO75R (RO Membrane)
PW-S2500R (Pre Filters)
PW-C5000R (Pre Filters)
PW-C2500R (Post Filter)

Manufacturer: Pentair Residential Filtration, LLC

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity
Cysts
Turbidity

Organic Contaminants
None

Inorganic/Radiological Contaminants
Arsenic (pentavalent)[1]
Barium
Cadmium
Chromium (hexalent)
Chromium (trivalent)
Copper
Fluoride
Lead
Radium 226/228
Selenium

Rated Service Capacity: 1250 gal service cycle **Rated Service Flow:** 24.8 gpd

Conditions of Certification:
Do not use where water is microbiologically unsafe or with water of unknown quality, except that systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.
[1]Claims for arsenic reduction shall only be made on water supplies maintaining detectable residual free chlorine at the reverse osmosis (RO) system inlet. Water systems using an in-line chlorinator should provide a minimum of 1 minute chlorine contact time before the RO system.

*NSF/ANSI Standard 58 certified to reduce cysts such as Cryptosporidium and Giardia by mechanical means.

EPA Est. #082989-CHN-001

CALIFORNIA PROPOSITION 65 WARNING

⚠ WARNING: This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.